# Concept Paper # 236

Name of document to be reviewed:     **Storage Area Network (SAN) for DR Facility**

*(Please check one item listed in the following two sections)*

Document for review and approval:

__ **Request for Proposal (RFP)**          __ **Sole Source Procurement**
__ **Request for Service (RFS)**           __ **Statement of Work**
__ **Request for Quote (RFQ)**             __ **Staff Augmentation**
__ **Invitation to Qualify**               **X_ Master Agreement Purchase**

*NOTE: Sole source procurements will also need authorization from DAS Procurement for this type of purchase.  Please also contact DAS Procurement at this location:*
*http://das.gse.iowa.gov/procurement/solesource%202010.pdf*

Document for review only:

__ **Master Agreement**                    __ **Request for Information (RFI)**

Agency:  **Iowa Workforce Development**

**RFP Reference #:**

**Release Date:**

**This project is requesting IOWAccess funds:** Yes ___          No __x_

*NOTE: IOWAccess concept papers are to be sent to Wes Hunsberger ( Wes.Hunsberger@iowa.gov ) for an internal DAS review.*

**Projected cost over $50,000?**          Yes __x_          No ___

**Projected agency staff hours over 750?**          Yes ___          No __x_

**Project Cost, Funds and Funding Source:**

Please list the internal and external resources/costs for the purchase:

1

Internal Resources/Costs:

External Resources/Costs:

Total cost of Storage project:  NetApp SAN and associated peripheral equipment **$ 633,958.19**, one year maintenance **$ 46,397.56**.

Total funding for purchase and 1st year maintenance **$ 680,355.75**

Federal Awarded Supplemental Budget Request (SBR)

| Federal Grant | Amount | Iowa Accounting Code |
|---|---|---|
| Project Total | $    680,355.75 | |
| | | |
| UIPL 26-11 | $      17,147.87 | SPES - 13 |
| UIPL 18-13 | $      61,300.00 | SPUG 86 |
| UIPL 18-12 | $    511,411.47 | SPUG 9B HW |
| UIPL 18-13 | $      90,496.41 | SPUG 9B RSC |
| Award Total | $    680,355.75 | |

**Timelines:**  Current quote good through January 31, 2013

**Goal:**  Create redundant site at JFHQ to insure UI Systems remain on-line if service to the primary data center is interrupted.

**Background:**    The current data systems for UI Tax and Benefits are run on computer equipment in the IWD data center.  As part of the consolidation effort at the State IWD is planning to move the current data center to the Hoover Building.  In order to enable the system to stay on-line in the event of a disruption of service to the current data center or to the data center at the Hoover Building IWD intends to build a redundant data center at JFHQ.

IWD received a Federal Grant to create this redundant data center.  This will allow IWD to share the load between the two data centers and will enable the systems to stay on-line in the event service is interrupted to either one.

**Expected Results:**

**What are the tangible and intangible benefits of this purchase for this agency and/or state government**? Duplicate load balanced systems running at two separate data centers will allow the UI Tax and Benefits Systems to stay on-line even in the event the service to one of the data centers is interrupted. Employers can still file their UI Tax and citizens can continue filing the UI Insurance Claims even in the event one of the data centers loses service.

2

**Can these benefits be quantified in financial terms?  If yes, please explain.**   No.

**How will you be more effective as a result of this purchase?**
This will eliminate down-time for dedicated back up of systems and will, also eliminate the time needed to restore systems in the event of a disruption.

**How will service to your customers be enhanced as a result of this purchase?**
This will allow the UI Systems to continue running even in the event one of the data centers loses service.  The service to the public will continue uninterrupted.

**Testing and Acceptance:**   TBD

**Some of the Interested Parties**:   Employers, Citizens

**Some of the Recipients of this Service:** Employers filing UI Tax, Citizens filing UI Tax Claims and accessing other benefits

**Standards:**

**Architecture:**  The purchase of NetApp storage for a redundant site duplicates systems already running at IWD.

**Business Continuity / Disaster Recovery**  The implementation enables Business Continuity

3

## Recommendations from the State CIO:

**NOTE:** *Where applicable, all DAS GSE Procurement and IA Administrative Code 11-105 and 11-106 requirements and procedures are to be followed. Reference: http://das.gse.iowa.gov/procurement/, specifically: http://das.gse.iowa.gov/procurement/adminrules/.*

Duplication recommendation from the State CIO to the DAS Director:

a) Is there duplication within Government? *(Please identify duplication at the agency level, as well as within the enterprise)*
b) Can an existing program be modified to address a new need?
c) Do you have any similar program in existence?
d) Have you sought IT procurements for similar programs in the past?
e) Do you have purchasing documents for similar programs?
f) Do you have similar purchasing documents that could be used as a starting point for this program?
g) Is there anything you could provide that could assist the agency with this IT procurement?
h) Are there alternatives available to the agencies?

## Recommendation of the State CIO to the DAS Director:

Authorize this IT procurement                              Yes __X__  No ____
Alternatives suggested by the State CIO
    (see comments below)                                  Yes __X__  No ____
Additional comments from the State CIO:
**The State CIO recommends approval with the additional comments. The solution will work with our proposed SAN fabric environment and appears to be compatible with existing disk subsystems.**

**The ISO will be a part of the procurement process to develop an implementation plan focused on our storage environments at Hoover and JFHQ. The implementation plan will include the approach to technical administration of the system (shared, solely-managed by IWD, ticket routing, etc).**

## DAS Director's action:
Authorize this IT procurement                              Yes __X__  No ____

**The above IT procurement concept approved by Director Carroll on __2/18/13__**

Comments:  **None.**